Annual Report of the FIRE MARSHAL

for the fiscal year
ended march 31, 1982

Nova Scotia

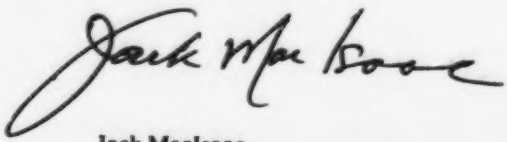
Department of Labour and Manpower

To His Honour
The Honourable John E. Shaffner
Lieutenant Governor of Nova Scotia
Halifax, Nova Scotia

May It Please Your Honour:

The undersigned has the honour to present to Your Honour the Annual Report of the Fire Marshal, Department of Labour and Manpower, for the fiscal year ending March 31, 1982.

Respectfully submitted,



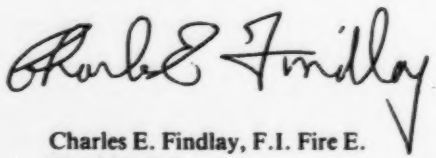
Jack MacIsaac
Minister of Labour and Manpower

The Honourable Jack MacIsaac
Minister of Labour and Manpower
Province of Nova Scotia
Halifax, Nova Scotia

Dear Sir:

I have the honour to present the 1981-82 Annual Report of the Fire Marshal as directed by the Fire Prevention Act.

Respectfully submitted,



Charles E. Findlay, F.I. Fire E.
Fire Marshal

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ANNUAL REPORT OF THE FIRE MARSHAL

For the Fiscal Year Ending March 31, 1982

Loss of Life and Injuries

Fire claimed the lives of 21 persons during the 12-month period ending March 31, 1982 - 13 men, two women and six children. This compares with 35 lives the previous year.

The following were reported as the main causes of fires involving deaths:

- Careless handling of smoking materials accounted for six deaths or 29 percent.
- Electrical (miscellaneous) accounted for five deaths or 24 percent.

Children accounted for 29 percent of the total fire mortalities.

All the fire fatalities occurred in residential properties. If smoke alarms were installed in the home and fire prevention practiced, a substantial reduction of fire fatalities and property loss would occur.

Fire also injured 131 persons during the year, including 75 fire fighters.

Property Loss

The recorded fire loss occurring in the Province of Nova Scotia for the fiscal year was placed at $40,294,590 with a total of 2,870 fires. This compares with a fire loss of $34,708,623 and 3,057 fires in the previous fiscal year.

This represents 187 fewer reported fires than the previous year; however, the monetary loss increased $5,585,967 or 16 percent.

During the fiscal year 20 fires accounted for $24,985,859 or 62 percent of the total monetary loss.

If approved automatic sprinkler systems had been installed before any of the large fire losses occured and fire prevention had been practiced on a permanent basis, then these losses would either not have happened or they would have been drastically reduced.

Main Causes of Fires

The following are listed as the reported main causes of all fires.

- Chimneys, stacks and pipes - 498 fires with a monetary loss of $1,540,845.
- Arson and suspected incendiary - 289 fires with a monetary loss of $6,638,290.
- Careless handling of smoking materials - 222 fires with a monetary loss of $900,312.
- Short circuits and faulty wiring - 157 fires with a monetary loss of $738,968.
- Ignition of fat, grease and cooking oil - 149 fires with a monetary loss of $692,834.

Chimneys, stacks and pipes have, for the second year in a row, become the most likely locations for a fire to start. This large number of fires is mainly attributed to the build-up of creosote in the flue and lack of maintenance in removing the creosote.

Since the use of solid fuel burning appliances is quite widespread and will continue to grow in the near future, the fire service along with the Office of the Fire Marshal is constantly trying to educate the public in the maintenance and operation of this equipment.

Fire Investigations

Investigations were conducted into all reported fires by the fire chiefs, city and municipal police, Royal Canadian Mounted Police, Insurance Crime Prevention Bureaux and the Fire Marshal's staff.

A total of 289 fires with losses of $6,638,290 were attributed to arson and suspected incendiary. Eight of these fires contributed $4,375,005 toward the total loss.

During the past year, the Office of the Fire Marshal has been working with concerned authorities in upgrading the investigative qualifications of the fire and police services. At the Nova Scotia Firefighters Training School various courses in fire investigation were carried out, including mock trials where the students learned court procedures.

The figures of 788 fires and loss of $7,001,526 attributed to undertermined causes are considered very high. Upgrading of the fire and police services' expertise in fire investigation will help reduce the size of this category by determination of cause.

Extensive investigations resulted in 16 persons being charged under the Criminal Code of Canada.

Fire Prevention Activities

The main activities of the Fire Marshal's Division for the fiscal year ending March 31, 1982 are shown in Table 1.

The distribution of public safety information played a prominent role. Membership in international, national, provincial and local advisory and enforcement agencies provided the Fire Marshal's Division with current fire safety information and requirements. Public information services were maintained through the film library, directories, displays and lectures.

Sixty Nova Scotian fire fighters with more than 30 years' service were honoured during this fiscal year with Nova Scotia Fire Service Long Service Medals.

L. P. Gas Board of Examiners

The L. P. Gas Board of Examiners was very active during the fiscal year in carrying out certification of persons working in the propane industry. During this period, 154 applicants wrote 315 exams.

Fire Prevention Week

The week of October 4-10 was, by Royal Proclamation, designated as Fire Prevention Week throughout Canada.

The following is a list of activities that were carried out by this division during Fire Prevention Week.

- Total number of schools visited - 266.
- Fire evacuation drills and fire prevention talks were held in most of these schools.
- Fire Prevention Week Parades attended - 2.

- Fire prevention talks were given to various organizations throughout the province.

- A fire prevention display booth was set up at the Atlantic Winter Fair which was held in Windsor, Hants County. Personnel from this office and the Windsor Volunteer Fire Department manned the display booth.

- Approximately 75,000 pieces of fire prevention literature were distributed.

- Fire prevention messages were distributed to all news media throughout the province.

Fire Prevention Act

On June 24, 1981, an Act to amend Chapter 9 of the Acts of 1976, the Fire Prevention Act, was enacted by the Governor and Assembly.

For purposes of inspection the Fire Marshal, Deputy Fire Marshal or local assistant may enter any type of building. Previous to this amendment entry was restricted to those buildings or premises supplied with heat or electrical power or both.

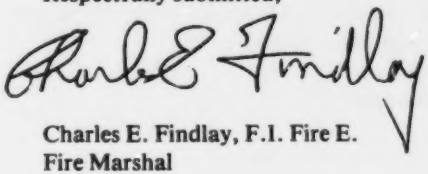
Summary

The constant efforts of the fire service, law enforcement and the general public are required to reduce the large fire losses associated with arson, suspected incendiary and chimney fires.

My sincere thanks are extended to the 328 fire departments, industrial brigades and other fire protection services for the excellent co-operation received during the year. I would also like to thank all municipal authorities, insurance adjusters, inspectors of mutual insurance companies, Insurance Crime Prevention Bureaux, officers and members of the Royal Canadian Mounted Police, city and town police forces, fire department ladies auxiliaries, the press and television stations for their excellent co-operation during the year.

I also express my appreciation to the officers and members of the Canadian Armed Forces for their assistance to the fire service and also to the people of Nova Scotia who in many ways assisted in fire prevention and protection.

Respectfully submitted,



Charles E. Findlay, F.I. Fire E.
Fire Marshal

TABLE I

FIRE PREVENTION ACTIVITIES

April 1, 1981 - March 31, 1982

The following table shows some of the principal work carried out by the Fire Marshal's Division.

Inspections:

Apartment buildings	129
Churches	6
Day nurseries	134
Electrical	55
Hospitals	49
Hotels and motels	120
Industrial plants	21
Lightning rod installations	131
L. P. Gas installations	78
Nursing and boarding care homes	155
Oil storage and installations	12
Public assembly	397
Schools	204
Special	106
Sprinkler systems installations	85
Total	1,682

Annual meetings and banquets attended	39
Architect meetings	460
Attending fire investigation course	3
Attending fire inspection training courses	3
Attending new fire hall opening	3
Conducting fire fighting training courses	68
Conducting fire prevention seminars	21
Court appearances	46
Electrical meetings	83
Films loaned, requested and actioned	469
Fire Advisory Council meetings	4
Fire department meetings and consultations	194
Fire investigations	193
Fire Marshal's Quarterly Bulletins issued	4
Government, municipal and civic authorities meetings	72

L. P. Gas meetings	115
L. P. Gas Board of Examiners meetings	23
Meetings concerning sprinkler systems	12
Number of plans examined:	
Buildings	705
L. P. Gas installations	227
Sprinkler installations	92
Other meetings concerning fire safety	78

TABLE II

CAUSES OF LOSS OF LIFE AND INJURIES BY FIRE*

April 1, 1981 - March 31, 1982

	Deaths				Injuries				
Causes	Men	Women	Children	Total	Men	Women	Children	Fire Fighters	Total
Arson and suspected incendiary	1	1		2	1			7	8
Careless handling of smoking materials	4	1	1	6	11	5	1	2	19
Chimneys, stacks, pipes and flues	1			1	2			18	20
Defective oil heating appliances and equipment						1			1
Defective propane appliances and equipment					2			10	12
Electrical (miscellaneous)	1		4	5				2	2
Electrical heating appliances (miscellaneous)								1	1
Explosions (other than heating appliances and units)								3	3
Kerosene heaters (miscellaneous)					2		3		5
Ignition of fat, grease and cooking oil			1	1	1	1	1	2	5
Miscellaneous	1			1	3		1		4
Misuse of electrical heating appliances	2			2	1				1
Misuse of flammable liquids	1			1	1				1
Misuse of propane appliances and equipment					2	1			3
Propane appliances and equipment (miscellaneous)	1			1				1	1
Short circuit and faulty wiring								9	9
Solid fuel heating appliances (miscellaneous)					1				1
Sparks, hot ashes, coals					1				1
Undetermined	1			1	5	6	1	19	31
Welding					2			1	3
Total	13	2	6	21	35	14	7	75	131

* The above table does not include three deaths and eight injuries caused by electrical power.

TABLE III

TYPE OF OCCUPANCY WHERE LOSS OF LIFE AND INJURIES RESULTED FROM FIRE*

April 1, 1981 - March 31, 1982

	Deaths				Injuries				
Type of Occupancy	Men	Women	Children	Total	Men	Women	Children	Fire Fighters	Total
Apartment buildings					7	6	1	9	23
Automobiles					3			2	5
Dwellings	9	2	5	16	13	5	6	15	39
Hospitals and nursing homes								7	7
Hotels and motels	1		1	2		1			1
Miscellaneous non-manufacturing								1	1
Marine								1	1
Mobile homes	2			2					
Municipal halls, social service clubs								3	3
Public garages, metal works					3			2	5
Retail stores, office buildings					8	1		33	42
Schools								1	1
Trailers and recreational vehicles	1			1	1	1		1	3
Total	13	2	6	21	35	14	7	75	131

* The above table does not include three deaths and eight injuries caused by electrical power.

TABLE IV

GEOGRAPHIC DISTRIBUTION OF FIRES WITH MONETARY LOSSES
(April 1, 1981 - March 31, 1982
(Monetary and Per Capita Fire Loss Averages)
April 1, 1972 - March 31, 1982

Population figures taken from the 1976 Census of Canada (1)

Location	Population	1981-82 No.	1981-82 Loss	Ten Year Total Loss	Average Annual Loss	Loss Per Capita 1981-82	Loss Per Capita 1972-82
Province of Nova Scotia	825,571	2,870	$40,294,590	$178,888,081	$17,888,808	$ 48.81	$21.67
Annapolis County	17,325	38	366,154	4,116,748	411,675	22.29	23.76
Annapolis Royal	738	3	79,450	350,209	35,021	107.66	47.45
Bridgetown	1,037	5	25,410	160,927	16,093	24.50	15.52
Lawrencetown	627	1	422	14,082	1,408	.67	2.25
Margaretville	190	5		24,903	2,490		13.11
Middleton	1,823	1	435	171,096	17,110	.24	9.39
Nictaux	863	6	68,907	145,218	14,522	79.85	16.83
Port Lorne	447	1	275			.62	
Springfield	158			99,046	9,905		62.69
Antigonish County	9,720	16	227,558	1,434,271	143,427	23.41	14.76
Antigonish	5,442	21	100,597	1,002,180	100,218	18.49	18.42
Auld's Cove	249			24,000	2,400		9.64
Havre Boucher	544	5	18,200			33.46	

Table IV continued

Location	Population	1981-82 No.	1981-82 Loss	Ten Year Total Loss	Average Annual Loss	Loss Per Capita- 1981-82	Loss Per Capita- 1972-82
Four Valleys (Maryvale)	218						
Pomquet	589	5	55,992	111,828	11,183	95.06	18.99
St. Andrews	437	1					
Tracadie	374			32,248	3,225		8.62
Cape Breton County	22,918	29	298,727	3,054,620	305,462	13.03	13.33
Albert Bridge	122	1	5,000			40.98	
Big Pond	196			10,700	1,070		5.46
Birch Grove	369			59,117	5,912		16.02
Coxheath	771	3	6,135	101,354	10,135	7.95	13.15
District 6, Christmas Island	420						
District 14, Main-a-Dieu	958						
Dominion	2,938	4	38,200	250,996	25,100	13.00	8.54
Donkin	1,087	1	58,000	230,189	23,019	53.36	21.18
Florence	2,111	8	77,013	658,813	65,881	36.48	31.21
Frenchvale	202	1	400			1.98	
Gabarus	283			20,105	2,011		7.11
George's River	202	1	12,000			59.41	
Glace Bay	21,836	93	1,632,195	6,078,759	607,876	74.75	27.84
Grand Lake Road	1,474			588,099	58,810		39.90
Louisbourg	1,519	3	10,755	176,570	17,657	7.08	11.62
Marion Bridge	374	3	26,500	193,257	19,326	70.86	51.67
Mira Road	1,496			108,395	10,840		7.25

Table IV continued

Location	Population	1981-82 No.	1981-82 Loss	Ten Year Total Loss	Average Annual Loss	Loss Per Capita 1981-82	Loss Per Capita 1972-82
New Victoria	1,345	10	35,384	277,591	27,759	26.31	20.64
New Waterford	9,223	21	177,606	1,522,025	152,203	19.26	16.50
North Sydney	8,319	25	360,556	3,167,787	316,779	43.34	38.08
Northside, East Bay	269	3	36,084			134.14	
Port Morien	763	1	1,377	164,605	16,461	1.80	21.57
Reserve Mines	2,394	1		469,034	46,903		19.59
Scotchtown	2,086	2	22,825	172,658	17,266	10.94	8.28
Sydney	30,645	176	754,682	6,404,756	640,476	24.63	20.90
Sydney Mines	8,965	40	287,016	1,862,250	186,225	32.02	20.77
Sydney River	2,468	1	579	127,699	12,770	.23	5.17
Tower Road	396			2,000	200		.51
Westmount	2,080	6	99,813	251,533	25,153	47.99	12.09
Colchester County	15,664	12	76,980	1,194,253	119,425	4.91	7.62
Bass River	303	1		10,150	1,015		3.35
Bible Hill	4,266	22	1,449,072	1,864,916	186,492	339.68	43.72
Brookfield	892	2	5,000	131,315	13,132	5.61	14.72
Cobequid District	253	3	40,200	346,611	34,661	158.89	137.00
Debert	489	21	228,080	337,444	33,744	466.42	69.01
Economy	168	2	25,500			151.79	
Five Islands District	168			29,050	2,905		17.29
Great Village	394	5	50,600	72,250	7,225	128.43	18.34
Hilden	1,076	2	39,671	167,802	16,780	36.87	15.59

Table IV continued

Location	Population	1981-82 No.	1981-82 Loss	Ten Year Total Loss	Average Annual Loss	Loss Per Capita 1981-82	Loss Per Capita 1972-82
North River	295	3	11,123	159,429	15,943	37.71	54.04
Onslow-Belmont	924	28	53,646	137,858	13,786	58.06	14.92
Salmon River	1,889	2	3,100	33,498	3,350	1.64	1.77
Stewiacke	1,174	11	44,340	270,955	27,096	37.77	23.08
Tatamagouche	636	12	40,657	123,212	12,321	63.93	19.37
Truro	12,840	25	663,053	3,134,519	313,452	51.64	24.41
Upper Stewiacke	201	1		89,422	8,942		44.49
Valley-Kempton	139	6	17,100			123.02	
Cumberland County	12,233	6	58,328	1,536,737	153,674	4.77	12.56
Advocate	340	5	43,026			126.55	
Amherst	10,263	23	841,849	2,720,768	272,077	82.03	26.51
Collingwood	205	1					
Joggins	692			25,011	2,501		3.61
Oxford	1,492	2	6,536	161,348	16,135	4.38	10.81
Parrsboro	1,857	1		460,324	46,032		24.79
Port Greville	101	1	10,000	35,599	3,560	99.01	3.52
Pugwash	746	1	34,000	128,571	12,857	45.58	17.23
River Hebert	861	6	45,290	380,915	38,092	52.60	44.24
Southampton	651						
Springhill	5,220	16	154,823	1,641,598	164,160	29.66	31.45
Tidnish Bridge	142	1		53,597	5,360		37.75
Truemanville	167	1	38,145	46,891	4,689	228.41	28.08

Table IV continued

Location	Population	1981-82 No.	1981-82 Loss	Ten Year Total Loss	Average Annual Loss	Loss Per Capita 1981-82	Loss Per Capita 1972-82
Wallace	634	15	70,280	91,680	9,168	110.85	14.46
Wentworth	71	5	44,572			627.77	
Westchester	233	1	4,700			20.17	
Digby County	10,663	17	825,865	2,133,259	213,326	77.45	20.01
Bear River	716	2	10,215	35,614	3,561	14.27	4.97
Brighton and Barton	321	1	200	5,933	593	.62	1.85
Danvers, Southville, Riverdale	238						
Digby	2,542	9	37,357	1,617,150	161,715	14.70	63.62
Freeport	474	4	46,878			98.90	
Havelock	74	3	63,062			852.19	
Hectanooga	245	1	365			1.49	
Little Brook	373	22	15,106	25,829	2,583	40.50	6.92
Meteghan	1,510	10	328,727	510,332	51,033	217.70	33.80
Plympton-Gilbert Cove	557	5	7,813	60,989	6,099	14.03	10.95
St. Bernards	725	8	49,780	49,880	4,988	68.66	6.88
Salmon River	331	1	203			.61	
Smith's Cove	444	2	96,360			217.03	
Tiverton	315	2	2,411	13,357	1,336	7.65	4.24
Westport	341	2	5,641	132,453	13,245	16.54	38.84
Weymouth	1,063	8	30,867	485,580	48,558	29.04	45.68

Table IV continued

Location	Population	1981-82 No.	1981-82 Loss	Ten Year Total Loss	Average Annual Loss	Loss Per Capita 1981-82	Loss Per Capita 1972-82
Guysborough County	7,134	8	4,030	901,481	90,148	.56	12.64
Canso	1,173	1	800	251,852	25,185	.68	21.47
District 6, Goshen	230	3	1,386			6.03	
Down East (Sherbrooke)	380	2	114,231	180,431	18,043	300.61	47.48
Ecum Secum	224			84,466	8,447		37.71
Guysborough	514	1	693,933	1,108,149	110,815	1,350.06	215.59
Harbourview	156	1	75,000			480.77	
Hazel Hill	234						
Liscomb	106						
Little Dover	609	1	42,600			69.95	
Manchester-Boylston	131	1	35,000			267.18	
Mulgrave	1,206	1	5,000	140,648	14,065	4.15	11.66
St. Mary's (Aspen)	113						
Seashore (Port Bickerton)	152						
Seven Communities (Hadleyville)	316						
Torbay	64						
Whitehead	87						
Halifax County (2)							
Bay Road	2,300	11	29,499			12.83	
Beaverbank-Kinsac	2,499	2	2,444	20,799	2,080	.98	.83
Bedford	5,488	12	56,850	945,094	94,509	10.36	17.22

Table IV continued

Location	Population	1981-82 No.	1981-82 Loss	Ten Year Total Loss	Average Annual Loss	Loss Per Capita 1981-82	Loss Per Capita 1972-82
Chezzetcook	2,836	5	41,787	124,345	12,435	14.73	4.38
Dartmouth	65,341	245	755,814	6,699,254	669,925	11.57	10.25
District 1, Black Point	3,076	2	5,250	211,535	21,154	1.71	6.88
District 4, Terence Bay	2,412	1	3,800	170,837	17,084	1.58	7.08
District 6, Eastern Passage	4,277	6	9,689	427,654	42,765	2.27	10.00
District 7, Cole Harbour	9,268	44	44,508	400,697	40,070	4.80	4.32
District 8, Lake Echo	4,557	8	2,344			.51	
District 9A, Lawrencetown	2,202	15	4,264			1.94	
District 10, Oyster Pond-Jeddore	1,163	7	100,321	192,117	19,212	86.26	16.52
Dutch Settlement	369	1	315			.85	
Gay's River	369						
Goff's	128			38,035	3,804		29.72
Grand Lake	1,000	1	4,750	17,328	1,733	4.75	1.73
Halifax	117,882	589	2,982,446	19,725,937	1,972,594	25.30	16.73
Hammonds Plains	2,000	1	3,911	406,132	40,613	1.96	20.31
Harrietsfield	2,367	3	4,500	167,272	16,727	1.90	7.07
Hatchet Lake	2,412	5	15,379	146,978	14,698	6.38	6.09
Herring Cove	2,367	8	13,656	87,759	8,776	5.77	3.71
Lakeside	4,692	10	46,292	198,274	19,827	9.87	4.23
Meagher's Grant	369	2	49,851	132,221	13,222	135.10	35.83
Middle Musquodoboit	1,445	1	46,000	233,183	23,318	31.83	16.14
Mooseland	300						

Table IV continued

Location	Population	1981-82 No.	1981-82 Loss	Ten Year Total Loss	Average Annual Loss	Loss Per Capita 1981-82	Loss Per Capita 1972-82
Moser River	946	3	13,613	99,276	9,928	14.39	10.49
Musquodoboit Harbour	800	1	668	313,751	31,375	.84	39.22
Ostrea Lake and Pleasant Point	402						
Sackville	22,950	54	1,010,907	2,686,248	268,625	44.05	11.70
Seabright	1,500	2	52,738	146,037	14,604	35.16	9.74
Sheet Habour	1,035	7	90,818	459,783	45,978	87.75	44.42
Tangier	300	10	34,238			114.13	
Three Harbours (Port Dufferin)	900	1	540			.60	
Upper Hammonds Plains	620	1	1,400	28,934	2,893	2.26	4.67
Upper Musquodoboit	1,200	1	125	41,442	4,144	.10	3.45
Waverley	1,591	7	31,231	520,770	52,077	19.63	32.73
Wellington	1,750	3	88,500	173,777	17,378	50.57	9.93
Windsor Junction	3,000	7	25,482	172,723	17,272	8.49	5.76
Hants County	20,135	15	106,234	2,644,623	264,462	5.28	13.13
Brooklyn	124	26	406,815	607,378	60,738	3,280.77	489.82
Elmsdale	944	4	16,132	187,664	18,766	17.09	19.88
Enfield	1,234	20	141,301	797,003	79,700	114.51	64.59
Gore District	53	1	900	60,774	6.077	16.98	114.66
Hantsport	1,423	4	19,424	211,809	21,181	13.65	14.88
Kennetcook	344	5	660			1.92	

Table IV continued

Location	Population	1981-82 No.	1981-82 Loss	Ten Year Total Loss	Average Annual Loss	Loss Per Capita 1981-82	Loss Per Capita 1972-82
Lantz	769	2	912	163,510	16,351	1.19	21.26
Maitland	217	5	12,313			56.74	
Milford	485			24,727	2,473		5.10
Moosebrook-Minasville	154						
Nine Mile River	541	2	30,000			55.45	
Noel	181	3	13,491	25,564	2,556	74,54	4.72
Shubenacadie	704	5	59,575	285,835	28,584	84.62	40.60
Summerville	278	4	95,300	191,301	19,130	342.81	68.81
Uniacke	478	8	61,100	389,744	38,974	127.82	81.54
Upper Rawdon	291	3	48,938	64,298	6,430	168.17	22.10
Walton Shore	326	4	2,000	2,086,938	208,694	6.13	640.17
Windsor	3,702	28	157,261	1,063,721	106,372	42.48	28.73
Inverness County	10,355	10	219,672	931,826	93,183	21.21	9.00
Ainslie-Upper Margaree	60			57,800	5,780		96.33
Cheticamp	1,027	4	30,600	506,876	50,688	29.80	49.36
Inverness	1,980	1	300	663,938	66,394	.15	33.53
Judique	770			130,548	13,055		16.95
Mabou	377			18,933	1,893		5.02
Margaree	233	4	8,149	70,403	7,040	34.97	30.21
North East Margaree	347			119,532	11,953		34.45
Pleasant Bay	248						
Port Hastings	719	3	263,001	435,258	43,526	365.79	60.54

Table IV continued

Location	Population	1981-82 No.	1981-82 Loss	Ten Year Total Loss	Average Annual Loss	Loss Per Capita 1981-82	Loss Per Capita 1972-82
Port Hawkesbury	4,008	1	4,970	6,660,871	666,087	1.24	166.19
Port Hood	769	1	24,000	121,755	12,176	31.21	15.83
Valley Mills	195			21,000	2,100		10.77
West Bay Road	248						
Whycocomagh	437	3	6,028	70,285	7,029	13.79	16.08
Kings County	29,763	43	209,664	4,360,818	436,082	7.04	14.65
Aylesford	716	3	20,302	108,962	10,896	28.35	15.22
Berwick	1,701	53	3,501,232	3,885,010	388,501	2,058.34	228.40
Canning	535			249,644	24,964		46.66
Greenwich	490	2	977	28,907	2,891	1.99	5.90
Kentville	5,056	15	303,351	5,179,031	517,903	60.00	102.43
Kingston	1,563	38	277,197	528,561	52,856	177.35	33.82
New Minas	2,873	3	2,795	405,198	40,520	.97	14.10
Port Williams	993	1	700	227,012	22,701	.70	22.86
Waterville	1,215	6	63,166	102,392	10,239	51.99	8.43
Wolfville	3,073	6	10,088	212,138	21,214	3.28	6.90
Lunenburg County	17,107	29	111,369	2,738,645	273,865	6.51	16.01
Baker Settlement	258	1		43,271	4,327		16.77
Blandford	139	4	8,351	88,971	8,897	60.08	64.01
Blockhouse	640	2	43,000	154,138	15,414	67.19	24.08
Bridgewater	6,010	22	29,676	739,346	73,935	4.94	12.30

Table IV continued

Location	Population	1981-82 No.	1981-82 Loss	Ten Year Total Loss	Average Annual Loss	Loss Per Capita 1981-82	Loss Per Capita 1972-82
Chelsea	201			22,031	2,203		10.96
Chester	1,121	15	89,609	734,930	73,493	79.94	65.56
Conquerall Bank	356	1	2,462	15,691	1,569	6.92	4.41
Cornwall	358	2	200			.56	
Crousetown	565						
Dayspring	416			18,244	1,824		4.38
Hebb's Cross	399	1	55,000	84,105	8,411	137.84	21.08
Hebbville	481	1		49,908	4,991		10.38
Hemford	233	1	318	25,913	2,591	1.36	11.12
Hubbards	449	2	1,120	41,492	4,149	2.49	9.24
Indian Point	160			6,575	658		4.11
Italy Cross	196	7	25,050	28,900	2,890	127.81	14.74
LaHave	207	10	5,633	58,711	5,871	27.21	28.36
Lapland	93	1	13,000	80,624	8,062	139.78	86.69
Lunenburg	3,024	17	125,963	430,491	43,049	41.65	14.24
Mader's Cove	224			25,877	2,588		11.55
Mahone Bay	1,236	11	7,019	1,169,337	116,934	5.68	94.61
Maitland	269	2					
Martins River	365			95,321	9,532		26.12
Midville District	198	4					
New Germany	3,000	6	55,256	185,814	18,581	18.42	6.19
New Ross	516	3	3,022	299,098	29,910	5.86	57.97
Newcombville	250	1	262	475	48	1.05	.19

Table IV continued

Location	Population	1981-82 No.	1981-82 Loss	Ten Year Total Loss	Average Annual Loss	Loss Per Capita 1981-82	Loss Per Capita 1972-82
Northfield	303	6	26,633	100,314	10,031	87.90	33.11
Oakhill	236	3					
Petite Riviere	294			4,158	416		1.41
Pleasantville	401	9	27,000	45,060	4,506	67.33	11.24
Riverport	360	7	11,782,281	11,942,402	1,194,240	32,728.56	3,317.33
United Communities (Mill Village)	220						
Western Shore	1,222	9	125,273	368,005	36,801	102.51	30.12
Wileville	890	1	200	94,823	9,482	.22	10.65
Pictou County	15,659	13	192,012	1,910,188	191,019	12.26	12.20
Abercrombie	787	3					
Alma	218	5	34,796	145,466	14,547	159.61	66.73
Barney's River	73	1	12,000	59,878	5,988	164.38	82.03
East River Valley	133						
Eureka	263	7	44,704	88,058	8,806	169.98	33.48
Linacy	605	2	3,372	72,982	7,298	5.57	12.06
Little Harbour	134	2	52,000	109,112	10,911	388.06	81.43
Merigomish	200	3	92,742			463.71	
New Glasgow	10,672	21	343,595	2,541,743	254,174	32.20	23.82
Pictou	4,588	14	711,115	1,413,160	141,316	154.99	30.80
Pictou Landing	455	1	28,377	175,982	17,598	62.37	38.68
Plymouth	397	1	375	121,866	12,187	.94	30.70

Table IV continued

Location	Population	1981-82 No.	1981-82 Loss	Ten Year Total Loss	Average Annual Loss	Loss Per Capita 1981-82	Loss Per Capita 1972-82
River John	681	3	12,800	34,804	3,480	18.80	5.11
Scotsburn	325			16,448	1,645		5.06
Stellarton	5,366	7	84,959	1,105,326	110,533	15.83	20.60
Thorburn	965	1	5,053	137,399	13,740	5.24	14.24
Trenton	3,224	20	100,097	839,208	83,921	31.05	26.03
West River	80			48,850	4,885		61.06
Westville	4,251	7	14,779	466,879	46,688	3.48	10.98
Queens County	8,046	3	1,856	663,448	66,345	.23	8.25
Charleston	262	1	200	23,854	2,385	.76	9.10
Greenfield	237	1	4,500	31,704	3,170	18.99	13.38
Liverpool	3,336	83	96,958	273,301	27,330	29.06	8.19
Mill Village	248	5	270,381	285,766	28,577	1,090.25	115.23
North Queens (Caledonia)	456	11	95,578	246,765	24,677	209.60	54.12
Port Medway	362	2	4,321	66,158	6,616	11.94	18.28
Richmond County	9,620	15	77,600	2,741,842	274,184	8.07	28.50
Framboise-Fourchu	93	2	26,000			279.57	
Grand River	110	2	30,000			272.73	
Isle Madame	893	5	26,715	33,033	3,303	29.92	3.70
Louisdale	1,026	5	22,956	376,683	37,668	22.37	36.71
St. Peters	705	31	12,730	212,645	21,265	18.06	30.16

Table IV continued

Location	Population	1981-82 No.	1981-82 Loss	Ten Year Total Loss	Average Annual Loss	Loss Per Capita 1981-82	Loss Per Capita 1972-82
Shelburne County	7,852	9	97,511	743,723	74,372	12.42	9.47
Barrington	424	8	5,732	15,398	1,540	13.52	3.63
Barrington Passage	426	2	3,149	11,832	1,183	7.39	2.78
Clark's Harbour	1,077	1	1,466	334,289	33,429	1.36	31.04
District 6-W (Clark's Harbour)	437						
Gunning Cove	146						
Ingomar-Roseway	110						
Jordan	481	2	680			1.41	
Lockeport	1,030	2	45,180	7,009,363	700,936	43.86	680.52
North East Harbour	96	2	6,356	8,356	836	66.20	8.70
Port Clyde	133	1					
Port La Tour	170			10,427	1,043		6.14
Sable River	259	1	37,140	42,241	4,224	143.40	16.31
Shag Harbour	458			23,266	2,327		5.08
Shelburne	2,511	12	46,086	641,784	64,178	18.35	25.56
West Green Harbour	320						
Wood's Harbour	1,040	2	1,464	24,484	2,448	1.41	2.35
Victoria County	3,843	7	51,902	906,840	90,684	13.51	23.60
Baddeck	1,268	2	5,652	439,738	43,974	4.46	34.68
Big Bras D'Or	282			125,665	12,567		44.56
Cabot	285	2	73,500	91,500	9,150	257.89	32.11

Table IV continued

Location	Population	1981-82 No.	1981-82 Loss	Ten Year Total Loss	Average Annual Loss	Loss Per Capita 1981-82	Loss Per Capita 1972-82
Ingonish	1,304	4	100,000	648,379	64,838	76.69	49.72
Iona	126	1	950	9,131	913	7.54	7.25
Neil's Harbour-New Haven	469						
North River (Englishtown)	812			1,216	122		.15
Yarmouth County	12,031	12	70,431	1,128,035	112,804	5.85	9.38
Carleton	261			37,355	3,736		14.31
Comeau's Hill-Little Brook	1,094	3	3,090			2.82	
Eel Brook	154	1	1,684	11,685	1,169	10.94	7.59
Islands and District (Tusket)	450						
Kemptville	196						
Lake Vaughan	210						
Lakes and District (RR#1 South Ohio)	658	8	1,892			2.88	
Port Maitland	487			22,690	2,269		4.66
Quinan	300	3	6,938			23.13	
Valley and District (RR#2 South Ohio)	200						
Wedgeport	797	1	1,400	47,945	4,795	1.76	6.02

Table IV continued

Location	Population	1981-82 No.	1981-82 Loss	Ten Year Total Loss	Average Annual Loss	Loss Per Capita 1981-82	Loss Per Capita 1972-82
West Pubnico	571	3	50,000	57,341	5,734	87.57	10.04
Yarmouth	7,801	14	1,579,892	2,503,661	250,366	202.52	32.09
Total		2,870	40,294,590				

(1) The comunities shown in this table are areas containing fire departments and their districts.
(2) Population figures for the districts in this county have been supplied by the Halifax County Assessment Department.

TABLE V

ANALYSIS OF REPORTED CAUSES OF FIRES BY NUMBER AND MONETARY LOSSES

April 1, 1981 - March 31, 1982

Cause	No. of Fires	Losses Insured	Losses Uninsured	Losses Total
Grass fires	44	$ 195,563	$ 700	$ 196,263
Chimneys, stacks and pipes	498	1,530,845	10,000	1,540,845
Fireplaces	22	24,221		24,221
Oil heating appliances	23	364,473		364,473
Defective oil heating appliances	48	1,132,332		1,132,332
Explosion of oil heating appliances	6	39,437		39,437
Misuse of oil heating appliances	4	32,704		32,704
Propane appliances	25	195,591	40,000	235,591
Defective propane appliances	7	11,052		11,052
Misuse of propane appliances	3	2,000		2,000
Solid fuel heating appliances	23	204,618	350	204,968
Defective solid fuel heating appliances	2	2,224		2,224
Misuse of solid fuel heating appliances	15	61,378	15,000	76,378
Hot ashes, sparks	47	199,531		199,531
Electrical				
Electrical heating appliances	4	575		575
Defective electrical heating appliances	2	33,193		33,193
Misuse of electrical heating appliances	1			
Electrical miscellaneous	97	5,985,243	665,000	6,650,243
Electrical appliances	57	9,927,508	2,000,000	11,927,508
Short circuit, faulty wiring	157	738,968		738,968
Television fires	8	63,392		63,392
Radiated electrical heat	3	1,000		1,000
Lightning	38	76,787		76,787
Ignition of fat, grease	149	692,834		692,834
Pot left in/on stove	31	47,117		47,117
Exposure to adjacent building	8	7,381		7,381

TABLE V (continued)

Cause	No. of Fires	Losses Insured	Losses Uninsured	Total
Exposure to contents from another fire	2	17,750		17,750
Careless handling of smoking materials	222	875,402	24,910	900,312
Children playing with matches	29	88,942		88,942
Candles, kerosene lamps	16	42,253		42,253
Spontaneous ignition	16	167,709		167,709
Explosions (other than heating appliances)	4	155,262		155,262
Arson and suspected incendiary	289	6,382,790	255,500	6,638,290
Miscellaneous	99	322,451		322,451
Radiated heat (other than electrical)	6	241,651		241,651
Undetermined	788	6,986,026	15,000	7,001,526
Misuse of flammable and combustible liquids	10	141,260		141,260
Defective carburetor (auto)	25	13,928	1,400	15,328
Burning rubbish (leaves, etc.)	5	7,321		7,321
Welding torches	32	248,139		248,139
Kerosene heaters	5	5,379		5,379
Total	2,870	$37,266,230	$3,028,360	$40,294,590

TABLE VI

FIRE LOSSES BY OCCUPANCY

April 1, 1981 - March 31, 1982

Type of Property	No. of Fires	Losses		
		Insured	Uninsured	Total
Dwellings	1,479	$ 9,157,221	$ 32,000	$ 9,189,221
Apartment buildings	164	679,159		679,159
Mobile homes	57	581,737		581,737
Trailers and recreational vehicles	16	44,240		44,240
Farm risks	47	386,041	700	386,741
Churches	6	223,123		223,023
Hospitals	37	149,574		149,574
Public halls	4	15,231		15,231
Schools	15	92,614		92,614
Municipal halls, social service organizations	7	65,238		65,238
Warehouses	85	327,430	350	327,780
Retail stores, offices	178	9,516,957	304,750	9,821,707
Hotels, motels	22	409,223	689,160	1,098,383
Food product plants, bakeries	3	13,927,864	2,000,000	15,927,864
Flour, cereal mills	2	2,000		2,000
Service stations, other oil risks	8	260,204		260,204
Saw mills	1			
Lumberyards	3	286,500		286,500
Metal works, foundries	4	25,200		25,200
Traction properties, power plants	1			
Miscellaneous non-manufacturing	26	407,712		407,712
Automobiles	682	641,847	1,400	643,247
Marine	9	66,000		66,000
Federal properties	14	1,215		1,215
Total	2,870	$37,266,230	$3,028,360	$40,294,590

TABLE VII

FIRES WHERE MONETARY LOSSES EXCEED $250,000

April 1, 1981 - March 31, 1982

No.	Location	Date	Classification	Amount	Reported Cause
1	Pictou Pictou Co.	May 16-81	Business Complex	$ 650,000	Suspected Incendiary
2	Yarmouth Yarmouth Co.	June 8-81	Lodge	918,000	Electrical
3	Halifax Halifax Co.	June 16-81	Business Complex	310,000	Suspected Incendiary
4	Halifax Halifax Co.	July 8-81	Business Complex	337,629	Undetermined
5	Mink Cove Digby Co.	Aug 1-81	Fish Plant	671,507	Undetermined
6	Sackville Halifax Co.	Aug 2-81	Business Complex	454,548	Electrical
7	Bible Hill Colchester Co.	Sept 6-81	Sports Complex	1,326,500	Suspected Incendiary
8	Hillsvale Hants Co.	Sept 10-81	Sawmill	250,000	Undetermined
9	Yarmouth Yarmouth Co.	Sept 11-81	Business Complex	644,000	Suspected Incendiary
10	Truro Colchester Co.	Sept 15-81	Business Complex	314,505	Suspected Incendiary
11	Riverport Lunenburg Co.	Sept 26-81	Fish Plant	11,778,156	Electrical
12	Guysborough Guysborough Co.	Nov 27-81	Business Complex	693,933	Electrical
13	Halifax Halifax Co.	Dec 13-81	Business Complex	555,180	Chimneys Stacks and Pipes
14	Berwick Kings Co.	Dec 23-81	Food Products Plant	3,478,201	Electrical

TABLE VII (continued)

No.	Location	Date	Classification	Amount	Reported Cause
15	Sydney Cape Breton Co.	Jan 14-82	Business Complex	256,700	Defective Oil Heating Appliance
16	Glace Bay Cape Breton Co.	Jan 15-82	Business Complex	767,000	Undetermined
17	Dartmouth Halifax Co.	Jan 25-82	Business Complex	450,000	Defective Oil Heating Appliance
18	Amherst Cumberland Co.	Mar 5-82	Business Complex	605,000	Suspected Incendiary
19	Halifax Halifax Co.	Mar 12-82	Business Complex	275,000	Suspected Incendiary
20	Meteghan Digby Co.	Mar 20-82	Business Complex	250,000	Suspected Incendiary
	Total			$24,985,859	

TABLE VIII

DEATHS AND SERIOUS INJURIES FROM FIRE
TEN YEAR PERIOD

April 1, 1972 - March 31, 1982

	Deaths				Serious Injuries				
Year	Men	Women	Children	Total	Men	Women	Children	Fire Fighters	Total
1972-73	27	7	11	45	93	17	17		127
1973-74	23	7	14	44	70	11	7		88
1974-75	16	10	2	28	31	11	4	49	95
1975-76	13	8	16	37	32	17	11	31	91
1976-77	22	6	5	33	36	7	10	31	84
1977-78	17	8	6	31	44	8	8	59	119
1978-79	27	1	2	30	36	24	7	89	156
1979-80	11	8	11	30	40	16	15	95	166
1980-81	13	3	19	35	22	16	12	56	106
1981-82	13	2	6	21	35	14	7	75	131
Total	182	60	92	334	439	141	98	485	1,163
Average Per Year	18	6	9	33	44	14	10	49	116

DEATHS AND SERIOUS INJURIES FROM FIRE
TEN YEAR PERIOD

April 1, 1972 - March 31, 1982

Chart I

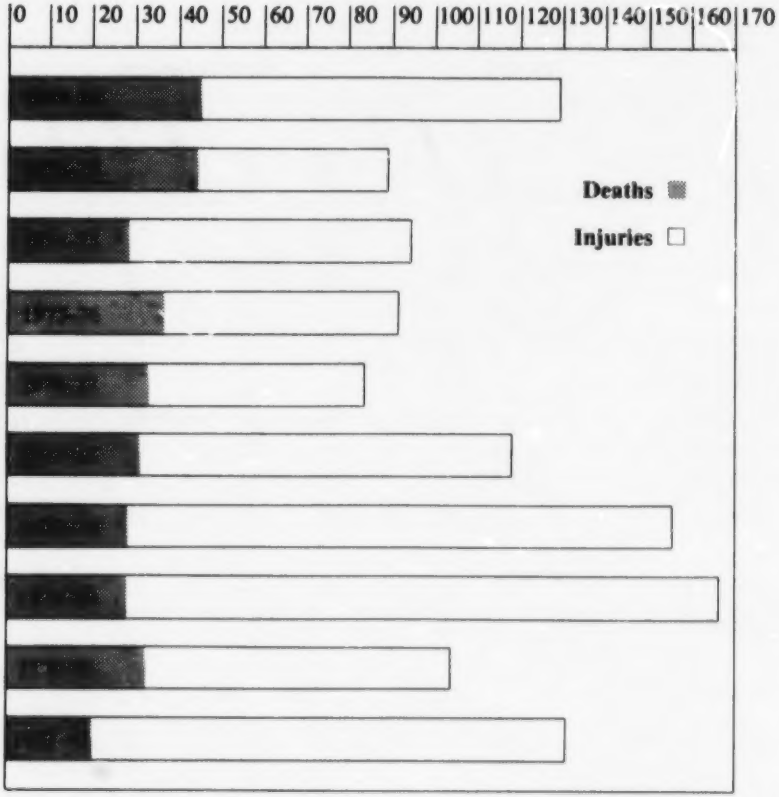


TABLE IX

MONETARY LOSSES BY FIRE
TEN YEAR PERIOD

April 1, 1972 - March 31, 1982

Year	No. of Fires	Losses			Consumer Price Index (Halifax) 1971 Base 100.0	Total Monetary Losses (1971 Canadian Dollar)
		Insured	Uninsured	Total		
1972-73	1,763	$ 5,699,688	$ 1,417,994	$ 7,117,682	104.7	$ 6,798,168
1973-74	1,804	11,031,942	1,855,815	12,887,757	113.1	11,395,010
1974-75	1,978	13,891,574	439,150	14,330,724	124.3	11,529,142
1975-76	2,203	13,731,557	464,850	14,196,407	136.8	10,377,490
1976-77	2,127	12,350,191	812,245	13,162,436	148.3	8,875,547
1977-78	1,944	11,259,041	579,825	11,838,866	159.8	7,408,552
1978-79	2,274	15,190,858	116,480	15,307,338	172.1	8,894,444
1979-80	2,685	14,985,083	58,575	15,043,658	187.4	8,027,566
1980-81	3,057	34,562,831	145,792	34,708,623	207.5	16,727,047
1981-82	2,870	37,266,230	3,028,360	40,294,590	232.0	17,368,358
Total	22,705	$169,968,995	$8,919,086	$178,888,081		